

WHAT IS CLAIMED IS:

1. A manual-operation sound and light emitting device used in a vehicle comprising:

a seat having an axial hole at a center thereof, a shaft, a movable rod
5 positioned by the shaft, a block positioned near a periphery of the seat, a protruding base extending from an outer periphery of the seat; an extending sleeve extending from a bottom of the seat for fixing a magnet of a light emitting unit; one end of the protruding base being installed with a round rack and a locking hole at a center of the round rack; the movable
10 rod being formed with a dynamic rack and connected to a resilient spring;

a locking base for being locking to a handle of a bicycle; one end of the locking base being installed with a round rack and a locking hole at a center of the round rack; a stud passing through the locking holes so as to combine the two rounds racks; and thus the locking base being locked to
15 the seat; the orientation of the combinations of the rounds racks being adjustable; the orientation of the lock base being adjustable by rotating one round rack with respect to another one;

a bell body having a spring, hammer, a central rod passing through the axial hole of the seat so that the bell body being assembled to the seat; and
20 a cover having a central hole; the central rod passing through the central hole of the cover;

a gear locating on the seat and having a center hole which is passed by the central rod so as to hid within the cover; thereby, the gear being rotatable around the central rod; the gear being engaged to the dynamic
25 rack of the movable rod; by moving the movable rod, the gear will rotate

so as to drive the cover to rotate; since the cover being connected to the central rod, the bell body rotates; then the hammer being hindered by the block; by the elasticity of the spring, the hammer will knock the bell body so as to emit sounds;

5 a disk base located above the gear; a plurality of inclined grooves being installed around a periphery of the disk base; the disk base being covered by the cover; each groove receiving a steel ball; when the gear rotates, the steel ball will move along the inclined surface of the groove until the steel ball is adhered to and then resists against the cover; thereby,
10 when the gear rotates, the cover is driven to rotate the central rod and thus the bell body; on the contrary, when the movable rod is released, the movable rod will restore to the original position so that the gear rotates reversely and the steel balls does not resist against the cover; thus the cover will not rotate; the central rod and the bell body will not rotate;
15 thereby, the bell body only rotates unidirectionally and when the bell body returns to the original position, the bell body will not rotate reversely;

a transparent light mask having a central axial base; the axial base being assembled with a central rod; thus, the transparent light mask being assembled to a bottom of the seat and being driven to rotate with the
20 central rod; the transparent light mask having a fixing base for assembling a coil of a power and light generating unit;

a power and light generating unit being formed by a coil and a magnet; the coil being enclosed by a positive electrode sheet and a plurality of negative electrode sheets; a plurality of LED lights being connected
25 between the positive electrode sheet and the negative electrode sheets; the

power and light generating unit having a plurality of locking sheets for
connecting to the fixing base of the transparent light mask; the magnet
being assembled to the extending sleeve of the seat and being placed in the
coil so that the coil rotates with the central rod; thereby, the transparent
5 light mask is driven so that power is generated with the positive electrode
sheet and the negative electrode sheets cutting through the magnetic field
of the coil; the LED lights light up.

2. The manual-operation sound and light emitting device used in a
vehicle as claimed in claim 1, wherein the magnet is fixed to the central
10 rod; an upper end of the central rod is assembled to the bell body; a lower
end thereof is firmly secured with a transparent light mask; a lower base is
assembled with the coil; the lower base is further locked to a bottom of the
seat, the coil is non-rotatable, while the magnet is rotatable with the
central rod; thereby, in the present invention, when the gear is rotated, the
15 central rod will rotate therewith so as to achieve the object of emitting
sounds and light.

3. The manual-operation sound and light emitting device used in a
vehicle as claimed in claim 1, wherein the bell body is made of metal.

4. The manual-operation sound and light emitting device used in a
20 vehicle as claimed in claim 1, wherein the bell body is formed as a
transparent rubber mask with a bell body sheet therein; thereby, the
hammer can knock the sheet to emit sounds.